

Abstract

COMMUNICATION SYSTEM, COMMUNICATION UNIT AND METHOD OF
SHARING A COMMUNICATION RESOURCE

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A wireless communication system (200) comprises one or more communication networks supporting communications for a plurality of communication units on a shared communication resource. An identification function (144) identifies interference within, or non-availability of, a portion of the shared resource; and a communication adaptation function (142), responsive to a resource-responsible agent (140) that is triggered when interference is identified, reduces a level of interference or makes a portion of the shared resource available for use.

A communication unit and a method of sharing a communication resource are also provided.

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In this manner, a mechanism identifies and targets those resource irresponsible users for automatic adjustment of their performance attributes to minimise interference in one or more communication networks.

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FIG. 2